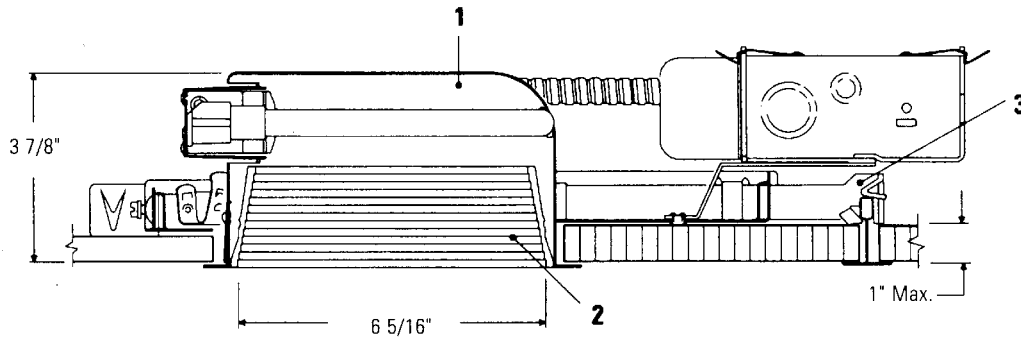




1105T/1102T Series

Complete Fixture consists of Reflector Trim & Frame-In Kit. Select each separately.

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
1105T Black Baffle 1105TWH White Baffle	Fluorescent			
	Frame-In Kit	Installation Type	Lamping	Height
	1102T1	Non-IC	2 Lamp 13W Twin Tube	3 7/8"
	1102TH1	Non-IC	Compact Fluorescent	3 7/8"
	1102TH2	Non-IC	(Gx23) 2 Pin Base	3 7/8"
	1102TM1	Non-IC Emergency		3 7/8"
	1102TM2	Non-IC Emergency		3 7/8"
	1102TH1R	Non-IC Remodeler		3 7/8"
	1102T13U	Non-IC	2 Lamp 13W Quad Tube	3 7/8"
			Compact Fluorescent	
			(G24q-1) 4 Pin Base	
	1102T18U	Non-IC	2 Lamp 18W Quad Tube	3 7/8"
			Compact Fluorescent	
			(G24q-2) 4 Pin Base	
	1102T26U	Non-IC	2 Lamp 26W Quad Tube	3 7/8"
			Compact Fluorescent	
			(G24q-3) 4 Pin Base	

Features

- 1. Reflector:** Hydroformed aluminum, 18 ga.; white gloss finish on inside and trim flange.
- 2. Step Baffle:** Die cast aluminum with stepped conical surface for low-brightness, matte black or white finish.
- 3. Frame-In Kit:** (1102T1 standard frame shown; other frames listed above.) See Frame-In Kit specification sheet for more details.

Options & Accessories

- Lytegems:** See 1300 Series or 1400 Series Specification Sheets.
- Accessory Cones:** **1550** - Matte Black Step Baffle
1550 - CL, GD, BK, BA, BG, WH, CD
- Retaining Clips:** **1955** - For installing in existing ceiling
- Extra Wide Flange Trim Ring:** **1954** - 8-7/8" O.D.
- Plaster Ring:** **1961**

Labels

UL (Suitable for Damp Locations and wall installation), I.B.E.W.
US Patent Nos. 4,313,154; 4,327,403

Job Information

Type:

Job Name:

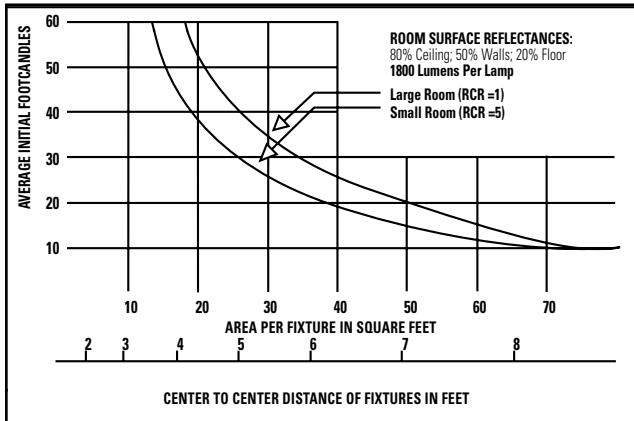
Cat. No.:

Lamp(s):

Notes:

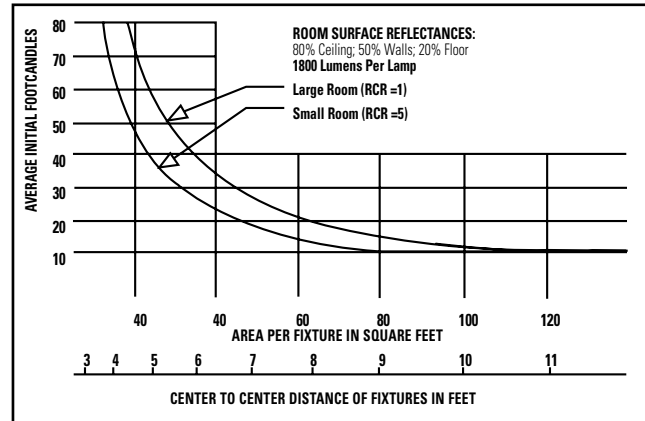


Black Step Baffle



Use quick calculator chart to determine the spacing of 2 Lt. 26 Watt Quad Tube units for a desired level of illumination.
Conversion Factors: 2 Lt. - 18W Quad Tube, F.C. x 0.7; 2 Lt. - 13W Twin Tube, F.C. x 0.6.

White Step Baffle

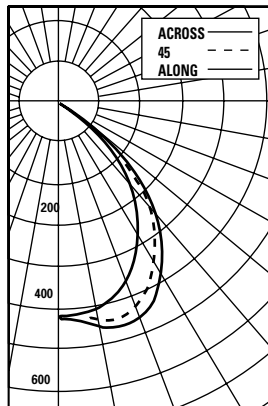


Use quick calculator chart to determine the spacing of 2 Lt. 26 Watt Quad Tube units for a desired level of illumination.
Conversion Factors: 2 Lt. - 18W Quad Tube, F.C. x 0.7; 2 Lt. - 13W Twin Tube, F.C. x 0.6.

SPACING RATIO = 1.1 X 1.3

CERTIFIED TEST REPORT NO. LECG543
COMPUTED BY LSI PROGRAM **TEST-LITE**

LYTECASTER LOW PROFILE LUMINAIRE WITH BLACK STEP BAFFLE
TWO 26W QUAD COMPACT FLUORESCENT LAMPS, LUMEN RATING = 1800 LMS.



ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	525	525	525	525	525	52
5	520	525	531	531	537	
10	521	522	539	551	563	
15	55	515	550	570	577	153
20	475	692	536	557	570	
25	433	459	506	527	562	226
30	383	420	461	482	491	
35	332	369	403	418	429	243
40	273	306	335	346	361	
45	215	244	260	269	279	195
50	154	173	184	188	186	
55	99	106	112	107	98	96
60	45	49	51	45	42	
65	10	13	11	14	12	16
70	0	0	0	0	1	
75	0	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	430	11.96	43.91
0-40	673	16.72	68.73
0-60	964	26.79	98.37
0-90	980	27.23	100.00
40-90	306	8.52	81.27
60-90	16	0.44	1.63
90-180	0	0.00	0.00
0-180	980	27.23	100.00

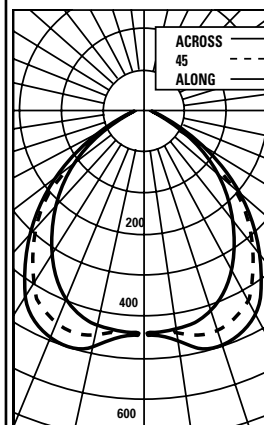
** EFFICIENCY = 27.2% **

TESTED ACCORDING TO IES PROCEDURES.
TEST DISTANCE EXCEEDS FIVE TIMES THE
GREATEST LUMINOUS OPENING OF
LUMINAIRE.

SPACING RATIO = 1.2 X 1.4

CERTIFIED TEST REPORT NO. 0139FR
COMPUTED BY LSI PROGRAM **TEST-LITE**

LYTECASTER LOW PROFILE LUMINAIRE WITH WHITE STEP BAFFLE
TWO 26W QUAD COMPACT



ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	539	539	539	539	539	26
5	539	537	538	542	549	
10	536	540	546	559	570	79
15	528	537	559	582	594	
20	507	526	554	587	604	124
25	474	506	548	575	590	
30	435	476	517	545	558	144
35	388	435	473	495	506	
40	338	364	416	432	444	132
45	285	328	351	362	372	
50	228	264	281	286	293	92
55	172	202	209	209	205	
60	123	141	145	144	139	50
65	84	92	100	104	104	
70	63	68	72	74	75	27
75	45	49	51	53	53	
80	28	32	34	36	34	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	453	12.60	34.26
0-40	731	20.33	55.29
0-60	1153	32.03	87.10
0-90	1323	36.77	100.00
40-90	592	16.44	44.71
60-90	170	4.74	12.90
90-180	0	0.00	0.00
0-180	1323	36.77	100.00

** EFFICIENCY = 36.8% **

TESTED ACCORDING TO IES PROCEDURES.
TEST DISTANCE EXCEEDS FIVE TIMES THE
GREATEST LUMINOUS OPENING OF
LUMINAIRE.

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	% WALL REFLECTANCE									0						
	80			70			50				30			10		
	50	30	10	50	30	10	50	30	10		50	30	10	50	30	10
ROOM CAVITY RATIO	1	.30	.29	.28	.29	.29	.28	.28	.28	.27	.27	.27	.26	.26	.26	.25
	2	.28	.26	.25	.27	.26	.25	.26	.25	.25	.25	.25	.24	.24	.24	.21
	3	.25	.24	.23	.25	.24	.23	.24	.23	.22	.24	.23	.22	.22	.21	.19
	4	.23	.22	.21	.23	.22	.20	.23	.21	.20	.22	.21	.20	.21	.20	.17
	5	.22	.20	.15	.21	.20	.18	.21	.19	.18	.20	.19	.18	.20	.19	.18
	6	.20	.18	.17	.20	.18	.17	.19	.18	.16	.19	.17	.16	.18	.17	.16
	7	.18	.16	.15	.18	.16	.15	.18	.16	.15	.17	.16	.15	.17	.16	.15
	8	.17	.15	.13	.16	.15	.13	.16	.14	.13	.16	.14	.13	.16	.14	.13
	9	.15	.13	.12	.15	.13	.12	.15	.13	.12	.15	.13	.12	.14	.13	.12

20% FLOOR CAVITY REFLECTANCE

Conversion factors: 18W Quad Tube, C.U. x 1.0
13W Twin Tube, C.U. x 1.2

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% WALL REFLECTANCE												0			
	80			70			50			30				10		
	50	30	10	50	30	10	50	30	10	50	30	10		50	30	10
1	.39	.38	.37	.39	.37	.36	.37	.36	.35	.36	.35	.34	.34	.34	.33	.32
2	.35	.33	.32	.35	.33	.31	.33	.32	.31	.32	.31	.30	.31	.30	.29	.25
3	.32	.29	.27	.31	.29	.27	.30	.28	.27	.29	.29	.26	.29	.27	.25	.22
4	.29	.26	.24	.25	.26	.24	.28	.25	.24	.27	.25	.23	.26	.25	.23	.20
5	.26	.23	.21	.26	.23	.21	.25	.23	.21	.24	.22	.21	.24	.22	.21	.18
																.16
																.14
																.12
																.12

20% FLOOR CAVITY REFLECTANCE

Conversion factors: 18W Quad Tube, C.U. x 1.0
13W Twin Tube, C.U. x 1.3

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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